

Personal memo from
JOSHUA LEDERBERG

Richard Keniball

SEP 18 1987

Dear Dick:

Thank you for the historical memo on DNA repair. It will be very helpful to me, and it covers a long history of a complex, sometimes tangled subject.

I hope you don't mind some marginal notes.

p. 5 -- Watson & Crick: did NOT exclude DNA as ENZYME in their 1953 paper. (Kornberg has been quite critical of them on that account.) With the recent advent of ribozymes they may want to claim an anticipation!

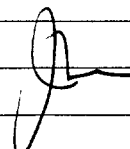
p. 5 -- lagging molecular understanding of breakage-reunion. It just happens I voiced the same thought in a recent retrospection. I am glad to have your reassurance that I haven't missed something! (See enclosure [P/9b].

--- If you wander around the gravestones of the prehistory of SOS (or perhaps your own recollections, I think you were at the 1951 CSH symposium) you might stumble into one portent of it -- per enclosure.

As I recall, I was also influenced by Lotti Auerbach's inference of a delayed mutagenic effect of mustard in *Drosophila*. (mid-40's). *& the same 1951 CSH.*

Perhaps you and I are the only ones who could care about reaching back so far, and that may be a 2-fold exaggeration.

p 9b
pp 426-430 CSH '51



THE ROCKEFELLER UNIVERSITY NEW YORK 10021-6399